IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ogle et al.

Serial No.: 10/554,122

Filed: 09/11/2006 Group No.: 1637

Examiner: Strzelecka

Entitled: METHODS FOR ASSESSING BIOLOGIC DIVERSITY

DECLARATION OF JEFFREY L. PLATT, MD UNDER 37 C.F.R. § 1.131

EFS Web Filed Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Examiner Strzelecka:

- I, Jeffrey L. Platt, hereby declare and state, under penalty of perjury, that:
- 1. I am one of the inventors of the above-named patent application (hereinafter "present application").
- 2. It is my understanding that in the Office Action mailed October 13, 2009, the Examiner has cited as prior art a PCT publication to Gehrmann et al. (WO03/044225, filed November 15, 2002). On page 3 of the Office Action, the Examiner cites Gehrmann et al. against Claim 1 of the present application as follows:
- A) Regarding claim I, Gehrmann et al. teach a method of determining lymphocyte diversity in a subject, the method comprising:
 - a) providing:

- i) labeled nucleic acid molecules from a population of said subject's lymphocytes, wherein each of said labeled nucleic acid molecule encodes a lymphocyte receptor or a portion thereof (page 9, lines 24-30; page 11, lines 17-31; page 12; page 13, lines 1-9; page 19, lines 7-10),
- ii) a population of nucleic acid molecules, wherein said population of nucleic acid molecules comprises random nucleic acid molecules or unselected express sequence tags (page 13, lines 11-19);
- b) hybridizing said labeled nucleic acid molecules or fragments of said labeled nucleic acid molecules with said population nucleic acid molecules (page 13, lines 11-19; page 17, lines 1-5; page 19, lines 12-14);
- c) assessing hybridization of said labeled RNA nucleic acid molecules with said population of nucleic acid molecules to determine the frequency of hybridization (page 13, lines 24-29; page 29, lines 17-20), and
- d) quantifying the amount lymphocyte diversity in said subject (page 13, lines 24-29; page 14, lines 29-30; page 15, lines 1-2).
- 3. Attached at TAB A is an invention disclosure form that is prior to the November 15, 2002 filing date of the Gehrmann et al. reference. This invention disclosure form shows, at paragraph 2, that the inventors of the present application described the material cited from Gerhrmann et al. (above), and found in Claim 1, prior to the November 15, 2002 filing date of Gehrmann et al. It is noted that the gray boxes on the invention disclosure form represent redacted material.
- 4. I further declare that all statements made herein are of my own knowledge, are true, and that all statements are made on information and belief that are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application of any patent issued thereon.

Dated: 3/11/18

Jeffrey L. Platt, MI

Invention & Assignment Record

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Invention De	escription: apetence is thou	ahtta ka walats	d to lumphoa	uta racantar	diversity Ti	hara is currer	itly		
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	yte receptors is i								gene
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containing random sequences. The degree of hybridization (i.e., the number of RNA fragments bound to oligos on the chip) is indicative of the level of individual lymphocyte receptor diversity.									
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8.	Prototype:			
	Yes	No	Not Applicat	ble
	Developed by:	Organization and En	gineers	
9.				_ _ _
10.	Recommended Inventi	on Evaluators:		
		Organization and Co	ontact	
		Organization and Co	ontact	
11.	Potential Licensees:			
		Organization and Co	ontact	
		Organization and Co	ontact	
12.	Additional Information	n Useful in Evaluating	the Invention:	
RE	QUIRED ATTACHM	1ENTS		
13.	descriptive material as a construction, chemical s alternative methods of a points: (a) Problem to be sol (b) How the invention (c) Related technolog (d) Disadvantages of	ical description of the in appropriate. The description tructure or composition construction, formulation wed or purpose of inven- a solves the problem and the sin current use or ol	n or operation if known. The de ation d advantages the invention has d manner of performing the fun	possible and should include the polved, the details of operation and escription should cover the following over current methods
14.				
15.	Background Materials	; :	Attached	Not Applicable/Not Available
			or other descriptions of the inve of knowledge in the field of the i	ention in progress by you or others invention.

7.7			
Inventor Information - May	o Inventors Only	: (see back page for additional Ir	ventor Information if necessary)
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Submit Completed Invention & Assignment Record to:

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